

Amendments to Claims

Claim 1 (currently amended): [An] A waterborne adhesive comprising an [organic] alkenyl succinic anhydride component in an amount effective to improve the set speed of the adhesive.

Claim 2 (canceled)

Claim 3 (currently amended): The adhesive of claim [2] 1 wherein the alkenyl succinic anhydride component is octenyl succinic anhydride, wherein said octenyl succinic anhydride when added to the adhesive is not part of a crosslinked octenyl succinic anhydride-modified starch.

Claim 4 (original): The adhesive of claim 3 wherein the adhesive has been crosslinked.

Claim 5 (currently amended): The adhesive of claim [4] 1 wherein the [organic] alkenyl succinic anhydride component comprises a crosslinked carrier starch containing octenyl succinic anhydride groups.

Claim 6 (currently amended): The adhesive of claim [3] 16 comprising ethylene vinyl acetate.

Claim 7 (currently amended): The adhesive of claim 3 [comprising] which is a starch based adhesive.

Claim 8 (original): The adhesive of claim 6 further comprising polyvinyl alcohol.

Claim 9 (currently amended): A method of increasing the set speed of [an] a waterborne adhesive comprising adding to [the] a waterborne adhesive an [organic] alkenyl succinic anhydride component in an amount effective to improve the set speed of the adhesive.

Claim 10 (currently amended): The method of claim 9 wherein the [organic] alkenyl succinic anhydride component is octenyl succinic anhydride, wherein said octenyl succinic anhydride added to the adhesive is not part of a crosslinked octenyl succinic anhydride-modified starch.

Claim 11 (original). The method of claim 10 further comprising adding a crosslinking agent.

Claim 12 (currently amended). The method of claim 10 wherein the [organic] alkenyl succinic anhydride component comprises a crosslinked carrier starch containing octenyl succinic anhydride groups.

Claim 13 (original): An article of manufacture comprising the adhesive of claim 5.

Claim 14 (currently amended): An article of manufacture comprising the adhesive of claim [8] 3.

Claim 15 (currently amended): A method for bonding materials together which comprises applying the adhesive composition of claim 1 to a first substrate, bringing a second substrate in contact with the adhesive composition applied to the first substrate, and subjecting the applied composition to conditions which will allow the composition to [cool and] form a set bond.

Claim 16 (new): The adhesive of claim 3 which is a polymer resin emulsion based adhesive.

Claim 17 (new): The method of claim 10 wherein said octenyl succinic anhydride is added to a polymer resin emulsion based adhesive.

Claim 18 (new): The method of claim 12 wherein said alkenyl succinic anhydride component is added to a polymer resin emulsion based adhesive.

Claim 19 (new): The method of claim 15 wherein the alkenyl succinic anhydride component is octenyl succinic anhydride, wherein said octenyl succinic anhydride when added to the adhesive is not part of a crosslinked octenyl succinic anhydride-modified starch.

Claim 20 (new): The method of claim 15 wherein the alkenyl succinic anhydride component comprises a crosslinked carrier starch containing octenyl succinic anhydride groups.